

SPECIFICATION AMENDMENTS

On page 1, above line 1, insert--Priority Claim

The present application claims priority on European Patent Application 02079632.2 filed 6 November 2002.--

Paragraph at line 1 of page 4 has been amended as follows:

-- ~~Suitably~~ In an embodiment of the present invention, no spacer fluids are injected from the oil production well. ~~Since~~ Because the two reacting compounds are separate from each other until they are brought into contact, there is no risk of an uncontrolled premature sealing reaction.--

Paragraph at line 13 of page 4 has been amended as follows:

-- Normally, the driving fluid (first fluid) comprising the first compound layer will have a higher mobility in the highly permeable geological than formation fluid produced from the adjacent oil-bearing geological layers. ~~Preferably then,~~ In some embodiments, a second fluid comprising the second compound is injected via the production well, which second fluid has a mobility intermediate between the mobility of the formation fluid and of the driving fluid. Then, when production is resumed in the production well after injection of the second fluid with the second compound, the well fluid from the oil-bearing geological layers pushes the second fluid back into the production wellbore. In the highly permeable layer, on the other hand, a good mixing of the more mobile driving fluid with the less mobile second fluid is achieved (also referred to as fingering), so that the reaction can take place. Depending on the speed of reaction, it may be desired to stop or limit the production again for a while, to allow the reaction to take place in the highly permeable geological layer.--

Paragraph at line 16 of page 5 has been amended as follows:

-- ~~In a preferred~~ an embodiment of the method according to the invention the first, trigger, compound comprises an alkaline material and the second compound comprises iron chloride. This is a cost effective solution for a method according to the invention.--

Paragraph at line 21 of page 5 has been amended as follows:

-- In another preferred embodiment the second compound further comprises hydrochloric acid, corrosion inhibitor and/or flocculent, such as a low molecular weight poly acryl amide (PAA) or partially hydrolyzed poly acryl amide (PHPAA).--

Paragraph at line 1 of page 6 has been amended as follows:

-- The invention in some embodiments further relates to a kit of compounds for use in a method according to any one of the preceding claims, comprising a first compound for injection into a subsurface formation via an injection well which first compound can pass through the formation concurrently with a driving fluid, and a second compound for injection into the formation via a production well, which second compound can react with the first compound so as to form a reaction product in the formation which imposes a flow restriction.--

On page 9 after line 26, add the following paragraph:

--While the illustrative embodiments of the invention have been described with particularity, it will be understood that various other modifications will be readily apparent to, and can be easily made by one skilled in the art without departing from the spirit of the invention. Accordingly, it is not intended that the scope of the following claims be limited to the examples and descriptions set forth herein but rather that the claims be construed as encompassing all features which would be treated as equivalents thereof by those skilled in the art to which this invention pertains.--

On page 10, above line 1, insert: We claim: